

CLAIMS

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1. A disk medium managing method for managing data to be recorded on a disk medium by file format and representing a hierarchical structure by directories, wherein an area on the disk medium is ensured as a directory to limit recording location of files and directories defined under the directory.

2. A disk medium managing method as defined in claim 1, wherein it is capable of hierarchically defining a further directory for ensuring an area within the area ensured on the disk medium as the directory.

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3. A disk medium managing method as defined in claim 1, wherein it is capable of selectively deciding whether the area is ensured on the disk medium or the continuous area is not ensured on the disk medium.

4. A disk medium managing method as defined in claim 1, wherein hierarchical definition of the directory for ensuring the area on the disk medium is restricted by that the directory must be defined under a directory having ensured an area on the disk medium.

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5. A disk medium managing method as defined in claim 1, wherein the area ensured on the disk medium is continuously arranged thereon.

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6. A disk medium managing method as defined in claim 1, wherein it is capable of calculating a maximal time of seeking data in the areas ensured on the disk medium.

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7. A disk medium managing method as defined in claim 1, wherein it is capable of specifying a maximal allowable time of seeking data in an area to be ensured on the disk medium and calculating an area on the disk medium satisfying the specified allowable seek time.

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